Elbit Systems Land Rocket Artillery Catalog

Elbit Systems™ Land

Integrative Platforms

Elbit Systems Land rocket artillery solutions are designed to meet the needs of modern artillery in modern battlefield scenarios, providing a cost-effective solution for precise firing of advanced rockets. The autonomous advanced firing systems enable efficient management of firing missions, providing constant availability of massive and effective fire support in all weather conditions. The flexible platforms easily interface with local or third party products and C⁴I systems.

PULS

Precise & Universal Launching System

The autonomous artillery rocket system provides a comprehensive and cost-effective solution for precise firing of all types of advanced rockets, with optimal responsiveness. Unlike standard artillery, with PULS there is no need to move artillery units based on the required firing range; the versatile solution can fire a variety of ammunition types to various ranges from the same position, to ranges of up to 300km.

The multi-purpose launcher features two PODS; each POD is designed for a specific rocket type: the Accular 122mm (18 rockets) with a range of up to 35km, the Accular 160mm (10 rockets) with a range of up to 40km, the EXTRA (4 rockets) with a range of up to 150km and the Predator Hawk (2 rockets) with a range of up to 300km. The system can accurately and effectively neutralize the specified targets at all ranges. PULS is designed to maximize response with optimal firing flexibility, without the need for special modifications to the system. A typical firing mission can be executed in less than one minute from initiation.

The LYNX is fully adaptable to existing platforms, which enables a significant reduction in maintenance and training costs that would be necessary with a new vehicle platform. The launcher was specifically designed to bridge the gaps between all artillery building blocks: means of fire, sensors and C⁴I.

C-Lynx

Lightweight rocket system for Special Forces

C-LYNX is a lightweight airborne rocket launcher system developed to meet the battlefield challenges of Special Forces operating in remote, high-risk locations that are beyond the range of traditional artillery fire support, and consequently do not have significant or sufficient fire assistance. C-LYNX offers a high level of responsiveness that is crucial for combat force operations involving time-critical targets, which require immediate firepower response upon identification of the target.

The compact C-LYNX can be delivered by a C-130 (Hercules) or similar aircraft, and can be mounted on light tactical vehicles. The rocket system features scoot & shoot capabilities and provides fast, accurate and effective fire support for all operations that require a high level of reliability, accuracy and mobility, and where long-range missiles are not cost-effective. The launcher can carry up to 8 Accular 122mm guided precision rockets, with a range of up to 35km.

C-LYNX is equipped with advanced navigation and command and control systems. Operation is completely automatic and the launcher is ready to fire in less than one minute from mission receipt. C-LYNX easily interfaces with external C^4I systems.

High-Precision Advanced Rockets

Elbit Systems' array of artillery rockets offer high accuracy and maximum responsiveness. The rockets are equipped with advanced warheads, for ranges of up to 300km.

Accular

Cost-effective guided artillery rocket for the support of ground forces

The Accular is a highly accurate, combat-proven guided rocket designed to support ground forces. The artillery rocket addresses urban warfare requirements and the need for near-real-time responsiveness. Accular can neutralize targets to a range of up to 40km and is especially required in areas where the use of traditional artillery is limited by terrain, distance and accuracy.

The Accular guided rocket offers simple autonomous operation under any weather conditions and can be ready to fire in less than one minute. The rocket is equipped with a unitary penetration or controlled fragmentation warhead, capable of neutralizing most of the artillery targets on the modern battlefield with minimum collateral damage. Accular is 10 times more effective than a standard explosive shell, delivering an accuracy of less than 10m CEP.

The Accular has two operational versions:

- The 122mm, which is a common diameter in rocket artillery, has a range of 35km with a 20kg warhead and is adaptable to existing platforms. Accular 122mm seamlessly integrates with a wide variety of traditional launchers, in addition to the launcher. The rocket can be mounted on PODS (18 rockets per POD) or launched as single rockets.
- The 160mm version has a range of 40km and a 35kg warhead. The rocket can be mounted on PODS (10 rockets per POD) or launched as single rockets.

Comprehensive Advanced Rocket Artillery Solutions

Elbit Systems has earned an outstanding global reputation for innovation and reliability in solutions for the demanding challenges of the modern and future battlespace. With the acquisition of IMI, Elbit Systems Land Division offers complete battlefield coverage with a high-performance array of advanced, accurate and fast response rocket artillery systems designed for effective fire support.

Elbit Systems Land's combat-proven rocket artillery solutions support maneuvering forces with precision and effective firepower. The integrative platforms and accurate ammunition provide an operational advantage with improved and powerful impact.

Production capabilities and sophisticated facilities

Elbit Systems' plant and facilities feature advanced production infrastructure encompassing an area of 20,000 square meters and a highly skilled staff Capabilities cover all aspects of manufacturing, assembly, packing, quality assurance and control, metallurgic, ballistics and full in-house live firing testing.

Elbit Systems Land
Rocket Artillery Catalog

EXTRA

Long-range high-precision rocket

EXTRA is a cost-effective, precise, long-range artillery rocket with a range of up to 150km and an accuracy of 10m CEP. The EXTRA provides complete battlefield coverage with the most advanced warhead capabilities, which enables effective strikes at high-payoff targets, such as command and communication centers, logistics installations and transportation infrastructures.

The guided rocket can accurately hit a target at a range of 30 to 150km regardless of weather conditions, and independent of additional systems. The highly responsive supersonic rocket can hit a 150km target in less than 5 minutes, making the EXTRA a preferred solution to perform precision strikes that were once solely the role of the air force.

The EXTRA is equipped with an advanced 120kg unitary warhead. With two types of warheads, controlled fragmentation and penetration, the EXTRA is the most effective and accurate rocket for urban terrain operations.

Predator Hawk

Long-range rocket for in-depth precision strikes

The Predator Hawk is designed to attack and destroy high-priority targets at a range of up to 300km, and with an accuracy of less than 10m CEP. Its depth capability is effective against a wide range of high payoff targets across the tactical battlefield (command and communication centers, logistics installations, transportation infrastructures, headquarters, electronic warfare sites, radar sites, strategic sites, and more).

The guided rocket can accurately hit a target at a range of 50 to 300km regardless of weather conditions and independent of additional systems. The highly responsive supersonic rocket can hit a 300km target in approximately 8 minutes, making the Predator Hawk a preferred solution to perform precision strikes that were once solely the role of the air force.

The Predator Hawk is equipped with an advanced 140kg unitary warhead and is highly effective for in-depth precision strikes.

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